

# **ESPLEX International, LLC**



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## **Plex-Stick - Gray**

### **Performance Data\***

**SHELF LIFE AT 75°F (24°C), minimum 24 months**  
**SHORE D HARDNESS AT FULL CURE (24 hrs) 80**  
**LAP SHEAR TENSILE STRENGTH**  
**On steel (1" x 1" x 1/16") 900 lbs (6.2 MPa)**  
**COMPRESSIVE STRENGTH 8,000 psi (55 MPa)**  
**DENSITY 18.5 lb/gal, 2.2 gm/cm<sup>3</sup>**  
**SHRINKAGE <1%**  
**NON-VOLATILE CONTENT 100%**  
**ELECTRICAL RESISTANCE 30,000 megohms**  
**DIELECTRIC STRENGTH 300 volts/mil**  
**UPPER TEMPERATURE LIMITS**  
**Continuous 250°F (121°C)**  
**Intermittent 300°F (149°C)**

### **CHEMICAL RESISTANCE**

Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

### **NOT INTENDED FOR STRUCTURAL APPLICATIONS**

**NSF 61 approved for direct contact with drinking water.**

**Starts to set up in five minutes cures in 20 to 30 minutes with full cure in one hour.**

**Cures steel hard and once cured can be drilled, taped, Filed, or sanded can also be painted.**

**Recommended use dry on surfaces but can be used on wet surfaces and will cure underwater.**

**Can be used on steel wood, fiberglass, plastic, PVC, and more.**

**Mixing and application temperatures are from 40°F (4°C) to 110°F (43°C).**

**If mixing is difficult at low temperatures putty may be warmed to room temperature or little above.**